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New data on the Xantholinini (Coleoptera: Staphylinidae) of the Oriental Region. X. A new species of *Atopolinus* from Nepal and additional records[1]

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Abstract

Atopolinus jugi **n. sp.** from Nepal, very similar to *A. basileius* Bordoni from Thailand, is described. Some new geographical data for other Xantholinini of the Oriental Region are given.
Keywords: Coleoptera, Staphylinidae, Xantholinini, new species, Nepal.

Zusammenfassung

Atopolinus jugi **n. sp.** aus Nepal wird beschrieben; diese neue Art ist sehr ähnlich *A. basileius* Bordoni aus Thailand. Für einige andere Xantholinini der orientalischen Region werden neue Verbreitungsdaten angegeben.

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1 Introduction

For my revision of the Xantholinini of the Oriental Region (Bordoni 2002), I was able to study material from Nepal, collected by Prof. J. Martens (University Mainz) and Dr. W. Schawaller (Staatliches Museum für Naturkunde, Stuttgart). The latter made subsequent expeditions 1997–2000 to western and central Nepal. The Xantholinini resulting from those expeditions were recently sent to me for study.

[1] 166th contribution on the knowledge of Staphylinidae.

SHOUT
SHARE
IT

In the present paper I report geographical data for several Nepalese taxa and describe a new species. I have also added some new geographical data of Xantholinini which have been collected in other countries of the Oriental Region by other collectors.

Acronyms of depositories

BMH	Bishop Museum, Honolulu, Hawaii
cB	coll. BORDONI, Firenze, Italy
SMNS	Staatliches Museum für Naturkunde, Stuttgart, Germany

Acknowledements

I thank Dr. W. SCHAWALLER (Staatliches Museum für Naturkunde, Stuttgart) who entrusted me with the study of his interesting material collected in Nepal. Thanks are also due to Dr. G. A. SAMUELSON (Bishop Museum, Honolulu) for sending me additional material of Xantholinini from the Oriental Region.

2 Material from Nepal

2.1 *Thyreocephalus jocheni* Bordoni, 2002

Nepal, Ramechap Distr., Jiri, 1900 m, W. SCHAWALLER leg., 4.V.1997, 1 ex. (SMNS).

Notes. This species was known from the central and northern parts of Nepal, and from Sikkim, Meghalaya (BORDONI 2002) and Assam (BORDONI 2003).

2.2 *Thyreocephalus eppelsheimi* (Bernhauer & Schubert, 1914)

Nepal, Dailekh Distr., Dailekh, 1600 m, W. SCHAWALLER leg., 1.–2.VI.1998, 1 ex. (SMNS), 1 ex. (cB).

Notes. This species was known from northeastern India (Meghalaya, Sikkim), central and northern Nepal, and Bhutan (BORDONI 2002).

2.3 *Xantholinus hypsibathus* Bernhauer, 1915

Nepal, Ramechap Distr., Jiri to pass before Shivalaya, 2000–2500 m, W. SCHAWALLER leg., 5.V.1997, 1 ex. (SMNS).

Notes. This very interesting species was known from mountains (2000–2500 m) in Pakistan, northern India, and Nepal (BORDONI 2002). It is the only species of *Xantholinus* from (central) Nepal; the new record from Ramechap extends its distribution area to the southeast of this country. The Palaearctic genus *Xantholinus* Dejean is – in the northeastern part of the Manchurian subregion – only represented by *X. semipallidus* Bernhauer, 1931 (see BORDONI 2000), and in the northern part of the Indian subregion by *X. hypsibathus* which is, consequently, the most eastern species of this genus in the southern part of the Himalayas.

2.4 *Lepidophallus schawalleri* Bordoni, 2002

Nepal, Dolakha Distr., S slope of Khare Khola, 2100 m, W. SCHAWALLER leg., 2.VI.2000, 1 ex. (SMNS), 1 ex. (cB).

Notes. Recorded up to now from eastern Nepal (Kosi and Mechi provinces) (Bordoni 2002).

2.5 *Nepalinus piceus* (Cameron, 1926)

Nepal, Surkhet Distr., Bheri Khola Bridge, 500 m, W. Schawaller leg., 24.–25.V.1998, 1 ex. (SMNS), 1 ex. (cB). – Nepal, Chitwan Distr., Chitwan N. P., Sauraha, 150 m, W. Schawaller leg., 31.V.–4.VI.1997, 1 ex. (SMNS), 1 ex. (cB).

Notes. This species was known from northern India (Uttar Pradesh, western Bengal) and Nepal (Bordoni 2002).

2.6 *Someira hiulca* Bordoni, 2002

Nepal, Solukhumbu Distr., Surkie La, 2700–3000 m, W. Schawaller leg., 21.V.1997, 1 ex. (cB). – Nepal, Solukhumbu Distr., Sanam, 2700–2800 m, W. Schawaller leg., 22.–23.V.1997, 1 ex. (SMNS), 1 ex. (cB). – Nepal, Nashing Dingma, W Surkie La, 2700 m, W. Schawaller leg., 20.V.1997, 1 ex. (SMNS). – Nepal, Junbesi, 2700 m, W. Schawaller leg., 11.V.1997, 1 ex. (SMNS). – Nepal, Ramechap Distr., Mehabir Khola E Shivalaya, 2500–2600 m, W. Schawaller leg., 6.–7.V.1997, 1 ex. (SMNS).

Notes. *S. hiulca*, known only from the type series, was described from the Solukhumbu Distr. (Lukla) in eastern Nepal (Bordoni 2002).

2.7 *Someira martensi* Bordoni, 2002

Nepal, Dolakha Distr., lower Khare Khola, 1050–1400 m, W. Schawaller leg., 29.V.2000, 1 ♂ (SMNS).

Notes. Described from eastern Nepal (Bordoni 2002).

2.8 *Atopolinus subnigroaeneus* (Coiffait, 1982)

Nepal, Dolakha Distr., lower Amatal Khola, 1700 m, W. Schawaller leg., 9.VI.2000, 3 ex. (SMNS), 2 ex. (cB). – Nepal, Ramechap Distr., Mohabir Khola, E Shivalaya, 2500–2600 m, W. Schawaller leg., 6.–7.V.1997, 1 ex. (SMNS), 1 ex. (cB).

Notes. This species was known from the central and eastern parts of Nepal (Bordoni 2002).

2.9 *Atopolinus asymetricus* (Coiffait, 1976)

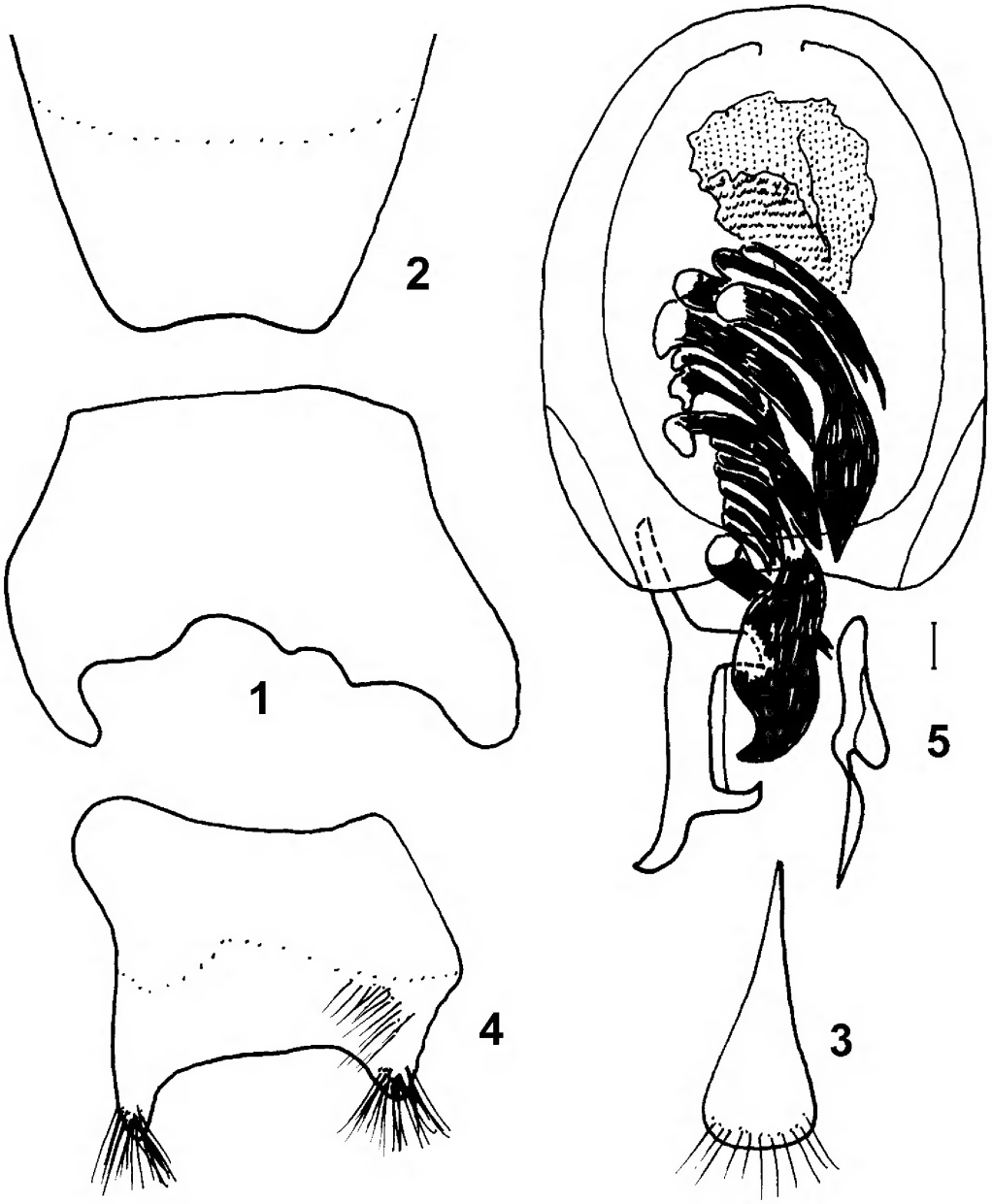
Nepal, Dolakha Distr., S slope of Khara Khola, 2100 m, W. Schawaller leg., 2.VI.2000, 1 ex. (SMNS).

Notes. This species, which is characterised by a conspicuous spine on the right pleura of the male genital segment, was known from central Nepal (Bordoni 2002). The record from Dolakha extends its known distribution to the east.

2.10 *Atopolinus jugi* **n. sp.**

Holotype, ♂: Nepal, Solukhumbu Distr., E Pangkongma La, 3000 m, W. Schawaller leg., 17.V.1997 (SMNS).

Derivatio nominis. From the Latin *jugum-i* (mountain pass).



Figs. 1–5. *Atopolinus jugi* n. sp. – **1.** Male visible tergite VI. **2.** Posterior margin of male visible sternite VI. **3.** Tergite of the male genital segment. **4.** Sternite of the male genital segment. **5.** Aedeagus. – Scale (of Fig. 5): 0.1 mm.

Description and differential diagnosis. Body length 8.5 mm; length from anterior margin of head to posterior margin of elytra 4.5 mm. Brachypterous. Reddish-brown with elytra and abdomen brown black; buccal apparatus, antennae and legs yellow-brown. Similar to *A. basileius* Bordoni from Thailand, but easily distinguished, because the new species has a smaller body, pronotum with rounded anterior angles, dorsal series of 6 punctures rather than 11–12 punctures and lateral series of 5 punctures rather than 6–7 punctures, elytra shorter subrectangular, posteriorly

not dilated, with vanished humeri, thinner puncturation, which is arranged in sparser series. Male visible tergite VI very characteristic (Fig. 1), very different from that of *A. basileius* (see figs. 2625–2626 in BORDONI 2002); male visible sternite VI with feebly concave posterior margin (Fig. 2); tergite and sternite of the male genital segment as in Figs. 3 and 4. Aedeagus (Fig. 5) similar to that of *A. basileius*, but with parameres of different shape and internal sac equipped with about 17 big and differently arranged spines.

Distribution. Known only from the type locality.

3 Material from other countries

3.1 *Thyreocephalus palmi* Bordoni, 2002

South Thailand, Banna, Chawang, nr. Nabon, 70 m, J. L. GRESSIT leg., 5.IX.1958, 1 ex. (BMH).

Notes. This species was described from Thailand and is also known from Malaysia (BORDONI 2002).

3.2 *Thyreocephalus boettcheri* Bordoni, 2002

Philippines, Mindanao, Baguio, Abatan, E. M. TORREVILLAS leg., 13.VI.1954, 1 ex. (BMH). – Philippines, Mindanao, Mountain Prov., Abatan, Baguio, 60 km S Bantoc, 1800–2000 m, E. M. TORREVILLAS leg., 31.V.–1.VI.1964, 1 ex. (cB).

Notes. This species is characterized by its small dimensions and the blue coloration of the fore body. Only about ten specimens from Luzon island and one specimen from Mindanao island (BORDONI 2002) were known before.

3.3 *Thyreocephalus laticeps* (Erichson, 1839)

North Borneo, Tawau Distr., Kalabakan, L. W. QUATE leg., 8.–15.XI.1958, 1 ex. (BMH). – North Borneo, Tawau, Quoin Hill, Forest Camp 1.3–5 km WSW Cocoa Res. Stat., Y. HIROSHIMA leg., 9.–20.VII.1962, 1 ex. (cB). – North Borneo, Tenompok, 1460 m, Jesselton 30 mi, T. C. MAA leg., 26.–31.I.1959, 1 ex. (BMH).

Notes. This species was known from Burma, Malaysia, Sumatra, Java, and Borneo (BORDONI 2002).

3.4 *Thyreocephalus feae* (Fauvel, 1895)

Thailand, 50 km W Tak, 900 m, J., J. H. & M. SEDLACEK leg., 7.–8.IV.1966, 1 ex. (BMH), 1 ex. (cB).

Notes. *T. feae* was known from Burma, Thailand, Laos, Vietnam, Yunnan (BORDONI 2002), and Malaysia (BORDONI 2003).

3.5 *Thyreocephalus omaleus* Bordoni, 2002

Philippines, Mindanao, Misamis Or., Minubanan, 1050–1200 m, H. TORREVILLAS leg., 5.–9.IV.1961, 1 ex. (BMH). – Philippines, Mindanao, Bukidnon, 1480 m, Mt. Katanglad, C. M.

YASHIMOTO leg., 27.–31.X.1959, 1 ex. (cB). – Philippines, Mindanao, Agusan, Isperanza, C. M. YASHIMOTO leg., 4.–11.XI.1959, 1 ex. (BMH).

Notes. The species was described based on 7 specimens from Mindanao island. It is most probably endemic on Mindanao.

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